



**Antimicrobial cleansing wipe - with residual activity against gram positive and gram negative bacteria**

**Patent Assignee: PROCTER & GAMBLE CO**

**Inventors: BEERSE W P; BAIER K G; BAKKEN T A; BEERSE P W; EVANS M W; MORGAN J M**

### Patent Family

Patent Number	Kind	Date	Application Number	Kind	Date	Week	Type
WO 9855096	A1	19981210	WO 98US11001	A	19980529	199909	B
ZA 9804764	A	19990224	ZA 984764	A	19980603	199913	
AU 9878038	A	19981221	AU 9878038	A	19980529	199919	
CZ 9904255	A3	20000517	WO 98US11001	A	19980529	200031	
			CZ 994255	A	19980529		
EP 1014937	A1	20000705	EP 98926130	A	19980529	200035	
			WO 98US11001	A	19980529		
BR 9810084	A	20000808	BR 9810084	A	19980529	200044	
			WO 98US11001	A	19980529		
CN 1262614	A	20000809	CN 98807020	A	19980529	200055	
MX 9911372	A1	20000801	MX 9911372	A	19991206	200137	
US 6258368	B1	20010710	US 97868717	A	19970604	200141	
AU 735419	B	20010705	AU 9878038	A	19980529	200143	
KR 2001013380	A	20010226	KR 99711379	A	19991203	200154	
JP 2001518942	W	20011016	WO 98US11001	A	19980529	200176	
			JP 99502610	A	19980529		
EP 1014937	B1	20021009	EP 98926130	A	19980529	200274	
			WO 98US11001	A	19980529		
DE 69808657	E	20021114	DE 98608657	A	19980529	200282	
			EP 98926130	A	19980529		
			WO 98US11001	A	19980529		
ES 2181230	T3	20030216	EP 98926130	A	19980529	200321	
KR 399627	B	20030929	WO 98US11001	A	19980529	200416	
			KR 99711379	A	19991203		
MX 218770	B	20040121	WO 98US11001	A	19980529	200472	
			MX 9911372	A	19991206		

**Priority Applications (Number Kind Date):** US 97868717 A ( 19970604)

### Patent Details

Patent	Kind	Language	Page	Main IPC	Filing Notes

<http://toolkit.dialog.com/intranet/cgi/present>

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WO 9855096	A1	E	33	A61K-007/50	
Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW					
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW					
ZA 9804764	A		29	A61K-000/00	
AU 9878038	A				Based on patent WO 9855096
CZ 9904255	A3			A61K-007/50	Based on patent WO 9855096
EP 1014937	A1	E			Based on patent WO 9855096
Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LI LU NL PT SE					
BR 9810084	A				Based on patent WO 9855096
MX 9911372	A1			A61K-007/50	
US 6258368	B1			A01N-025/00	
AU 735419	B			A61K-007/50	Previous Publ. patent AU 9878038
					Based on patent WO 9855096
KR 2001013380	A			A61K-007/50	
JP 2001518942	W		43	A61K-007/50	Based on patent WO 9855096
EP 1014937	B1	E		A61K-007/50	Based on patent WO 9855096
Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LI LU NL PT SE					
DE 69808657	E			A61K-007/50	Based on patent EP 1014937
					Based on patent WO 9855096
ES 2181230	T3			A61K-007/50	Based on patent EP 1014937
KR 399627	B			A61K-007/50	Previous Publ. patent KR 2001013380
					Based on patent WO 9855096
MX 218770	B			A61K-007/50	Based on patent WO 9855096

**Abstract:**

WO 9855096 A

Antimicrobial wipe comprises a porous or absorbent sheet impregnated with an antimicrobial cleansing composition comprising: (1) (a) 0.001-5 weight % antimicrobial agent; (b) 0.05-10 weight % anionic surfactant; (c) 0.1-10 weight % proton donating agent; and (d) 3-99.85 weight % water; the composition being adjusted to a pH of 3.0-6.0. Also claimed is a method for providing residual effectiveness against transient gram negative bacteria, improved residual effectiveness against gram positive bacteria and improved immediate reduction of germs on the skin comprising use of the above composition. Also claimed is the treatment of acne comprising use of the above composition.

USE - The compositions are used for cleansing, removing germs and decreasing the spread of transient gram negative and gram positive bacteria. they are highly efficacious for cleansing surfaces, especially the skin, provide residual antimicrobial effectiveness against gram negative bacteria and gram positive bacteria, reduce germs on the skin and are mil to the skin. They are also useful for treating acne, preventing, retarding and/or arresting the process of acne formation in mammalian skin. the compositions are useful for regulating skin conditions such as visible and/or tactile discontinuities in skin, such as associated with skin texture, colour and especially ageing caused by intrinsic or extrinsic factors.

ADVANTAGE - The compositions are mild to the skin and provide immediate (acute) visible improvement in skin

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**Glass matrix doped with activated luminescent nanocrystalline particles - prepd. by depositing semiconductor nanocrystals and activator within porous glass matrix and thermally activating zinc sulphide.**

**Patent Assignee:** US SEC OF NAVY; US DEPT OF THE NAVY; HUSTON A L; JUSTUS B L

**Inventors:** HUSTON A L; JUSTUS B L; JUSTUS B C

#### Patent Family

Patent Number	Kind	Date	Application Number	Kind	Date	Week	Type
US 8371306	N	19951115	US 95371306	A	19950111	199609	B
WO 9621868	A1	19960718	WO 95US9119	A	19950720	199634	
US 5585640	A	19961217	US 95371306	A	19950111	199705	
EP 871900	A1	19981021	EP 95928090	A	19950720	199846	
			WO 95US9119	A	19950720		
<del>JP 11502610</del>	<del>W</del>	<del>19990302</del>	<del>WO 95US9119</del>	<del>A</del>	<del>19950720</del>	<del>199919</del>	
			<del>IP 96521631</del>	<del>A</del>	<del>19950720</del>		
EP 871900	B1	20011205	EP 95928090	A	19950720	200203	
			WO 95US9119	A	19950720		
DE 69524458	E	20020117	DE 624458	A	19950720	200213	
			EP 95928090	A	19950720		
			WO 95US9119	A	19950720		

**Priority Applications (Number Kind Date):** US 95371306 A ( 19950111)

**Cited Patents:** 02 journal ref.; US 2902605; US 5446286

#### Patent Details

Patent	Kind	Language	Page	Main IPC	Filing Notes
US 8371306	N		30	C03C-000/00	
WO 9621868	A1	E	26	G01T-001/115	
Designated States (National): CA HU JP KR PL					
Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE					
US 5585640	A		9	G01T-001/115	
EP 871900	A1	E		G01T-001/115	Based on patent WO 9621868
Designated States (Regional): AT DE FR GB SE					
JP 11502610	W		24	G01T-001/11	Based on patent WO 9621868
EP 871900	B1	E		G01T-001/115	Based on patent WO 9621868
Designated States (Regional): AT DE FR GB SE					

DE 69524458	E		G01T-001/115	Based on patent EP 871900
				Based on patent WO 9621868

**Abstract:**

US 8371306 N

A luminescent glass consisting of nanocrystals e.g. ZnS and an activator e.g. Cu is made by depositing the nanocrystal semiconductor particles and the activator within a porous glass matrix such as 7930 Vycor (RTM), and thermally activating. The matrix may be at least partially consolidated or may be allowed to remain porous. The nanometre particle size allows the glasses to be transparent to the luminescent emissions.

USE - For lighting and display applications, for thermoluminescent uses such as dosimeters to monitor exposure of personnel and equipment to high energy ionising radiation, for radioluminescence in scintillators for nuclear installations etc., and for sensitised luminescence such as IR detection and optical data storage.

ADVANTAGE - The phosphors are mechanically and chemically stable, in comparison to conventional phosphor powder.

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US 8371306 A

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ADVANTAGE - The phosphors are mechanically and chemically stable, in comparison to conventional phosphor powder.

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US 5585640 A

A luminescent glass comprises: (a) a glass matrix doped with nano-crystalline semiconductor particles; and (b) an activator, within the glass matrix, for the nano-crystalline semiconductor particles, the activator being present in a concn. effective to luminescently activate the nano-crystalline semiconductor particles, the glass being transparent to its luminescent emissions.

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